

RAW SEQUENCE LISTING

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Application Serial Number: 10/650,650
Source: IFWO
Date Processed by STIC: 10-28-2004

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/650,650

DATE: 10/28/2004

TIME: 13:20:03

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Output Set: N:\CRF4\10282004\J650650.raw

1 <110> APPLICANT: MACIAG, Thomas
 2 ZIMRIN, Ann
 3 SMALL, Deena
 4 PRUDOVSKY, Igor
 5 <120> TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC METHODS AND COMPOSITIONS BASED ON
 JAGGED/NOTCH
 6 PROTEINS AND NUCLEIC ACIDS
 7 <130> FILE REFERENCE: 053689-5002-01
 8 <140> CURRENT APPLICATION NUMBER: US/10/650,650
 9 <141> CURRENT FILING DATE: 2003-08-28
 10 <150> PRIOR APPLICATION NUMBER: US/09/579,536
 11 <151> PRIOR FILING DATE: 2000-05-24
 12 <150> PRIOR APPLICATION NUMBER: US 09/199,865
 13 <151> PRIOR FILING DATE: 1998-11-25
 14 <150> PRIOR APPLICATION NUMBER: PCT/US97/09407
 15 <151> PRIOR FILING DATE: 1997-05-30
 16 <150> PRIOR APPLICATION NUMBER: US 60/018,841
 17 <151> PRIOR FILING DATE: 1996-05-31
 18 <160> NUMBER OF SEQ ID NOS: 56
 19 <170> SOFTWARE: PatentIn version 3.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 1218
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Homo sapiens
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 30 Gly Gln Phe Glu Leu Glu Ile Leu Ser Met Gln Asn Val Asn Gly Glu
 31 35 40 45
 32 Leu Gln Asn Gly Asn Cys Cys Gly Gly Ala Arg Asn Pro Gly Asp Arg
 33 50 55 60
 34 Lys Cys Thr Arg Asp Glu Cys Asp Thr Tyr Phe Lys Val Cys Leu Lys
 35 65 70 75 80
 36 Glu Tyr Gln Ser Arg Val Thr Ala Gly Gly Pro Cys Ser Phe Gly Ser
 37 85 90 95
 38 Gly Ser Thr Pro Val Ile Gly Gly Asn Thr Phe Asn Leu Lys Ala Ser
 39 100 105 110
 40 Arg Gly Asn Asp Arg Asn Arg Ile Val Leu Pro Phe Ser Phe Ala Trp
 41 115 120 125
 42 Pro Arg Ser Tyr Thr Leu Leu Val Glu Ala Trp Asp Ser Ser Asn Asp
 43 130 135 140
 44 Thr Val Gln Pro Asp Ser Ile Ile Glu Lys Ala Ser His Ser Gly Met

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49      180      185      190
50  Gly Phe Gly Cys Asn Lys Phe Cys Arg Pro Arg Asp Asp Phe Phe Gly
51      195      200      205
52  His Tyr Ala Cys Asp Gln Asn Gly Asn Lys Thr Cys Met Glu Gly Trp
53      210      215      220
54  Met Gly Pro Glu Cys Asn Arg Ala Ile Cys Arg Gln Gly Cys Ser Pro
55      225      230      235      240
56  Lys His Gly Ser Cys Lys Leu Pro Gly Asp Cys Arg Cys Gln Tyr Gly
57      245      250      255
58  Trp Gln Gly Leu Tyr Cys Asp Lys Cys Ile Pro His Pro Gly Cys Val
59      260      265      270
60  His Gly Ile Cys Asn Glu Pro Trp Gln Cys Leu Cys Glu Thr Asn Trp
61      275      280      285
62  Gly Gly Gln Leu Cys Asp Lys Asp Leu Asn Tyr Cys Gly Thr His Gln
63      290      295      300
64  Pro Cys Leu Asn Gly Gly Thr Cys Ser Asn Thr Gly Pro Asp Lys Tyr
65      305      310      315      320
66  Gln Cys Ser Cys Pro Glu Gly Tyr Ser Gly Pro Asn Cys Glu Ile Ala
67      325      330      335
68  Glu His Ala Cys Leu Ser Asp Pro Cys His Asn Arg Gly Ser Cys Lys
69      340      345      350
70  Glu Thr Ser Leu Gly Phe Glu Cys Glu Cys Ser Pro Gly Trp Thr Gly
71      355      360      365
72  Pro Thr Cys Ser Thr Asn Ile Asp Asp Cys Ser Pro Asn Asn Cys Ser
73      370      375      380
74  His Gly Gly Thr Cys Gln Asp Leu Val Asn Gly Phe Lys Cys Val Cys
75      385      390      395      400
76  Pro Pro Gln Trp Thr Gly Lys Thr Cys Gln Leu Asp Ala Asn Glu Cys
77      405      410      415
78  Glu Ala Lys Pro Cys Val Asn Ala Lys Ser Cys Lys Asn Leu Ile Ala
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80  Ser Tyr Tyr Cys Asp Cys Leu Pro Gly Trp Met Gly Gln Asn Cys Asp
81      435      440      445
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83      450      455      460
84  Arg Asp Leu Val Asn Gly Tyr Arg Cys Ile Cys Pro Pro Gly Tyr Ala
85      465      470      475      480
86  Gly Asp His Cys Glu Arg Asp Ile Asp Glu Cys Ala Ser Asn Pro Cys
87      485      490      495
88  Leu Asn Gly Gly His Cys Gln Asn Glu Ile Asn Arg Phe Gln Cys Leu
89      500      505      510
90  Cys Pro Thr Gly Phe Ser Gly Asn Leu Cys Gln Leu Asp Ile Asp Tyr
91      515      520      525
92  Cys Glu Pro Asn Pro Cys Gln Asn Gly Ala Gln Cys Tyr Asn Arg Ala
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98  Ser Cys Thr Val Ala Met Ala Ser Asn Asp Thr Pro Glu Gly Val Arg
99                               580                               585                               590
100  Tyr Ile Ser Ser Asn Val Cys Gly Pro His Gly Lys Cys Lys Ser Gln
101                               595                               600                               605
102  Ser Gly Gly Lys Phe Thr Cys Asp Cys Asn Lys Gly Phe Thr Gly Thr
103                               610                               615                               620
104  Tyr Cys His Glu Asn Ile Asn Asp Cys Glu Ser Asn Pro Cys Arg Asn
105                               625                               630                               635                               640
106  Gly Gly Thr Cys Ile Asp Gly Val Asn Ser Tyr Lys Cys Ile Cys Ser
107                               645                               650                               655
108  Asp Gly Trp Glu Gly Ala Tyr Cys Glu Thr Asn Ile Asn Asp Cys Ser
109                               660                               665                               670
110  Gln Asn Pro Cys His Asn Gly Gly Thr Cys Arg Asp Leu Val Asn Asp
111                               675                               680                               685
112  Phe Tyr Cys Asp Cys Lys Asn Gly Trp Lys Gly Lys Thr Cys His Ser
113                               690                               695                               700
114  Arg Asp Ser Gln Cys Asp Glu Ala Thr Cys Asn Asn Gly Gly Thr Cys
115                               705                               710                               715                               720
116  Tyr Asp Glu Gly Asp Ala Phe Lys Cys Met Cys Pro Gly Gly Trp Glu
117                               725                               730                               735
118  Gly Thr Thr Cys Asn Ile Ala Arg Asn Ser Ser Cys Leu Pro Asn Pro
119                               740                               745                               750
120  Cys His Asn Gly Gly Thr Cys Val Val Asn Gly Glu Ser Phe Thr Cys
121                               755                               760                               765
122  Val Cys Lys Glu Gly Trp Glu Gly Pro Ile Cys Ala Gln Asn Thr Asn
123                               770                               775                               780
124  Asp Cys Ser Pro His Pro Cys Tyr Asn Ser Gly Thr Cys Val Asp Gly
125                               785                               790                               795                               800
126  Asp Asn Trp Tyr Arg Cys Glu Cys Ala Pro Gly Phe Ala Gly Pro Asp
127                               805                               810                               815
128  Cys Arg Ile Asn Ile Asn Glu Cys Gln Ser Ser Pro Cys Ala Phe Gly
129                               820                               825                               830
130  Ala Thr Cys Val Asp Glu Ile Asn Gly Tyr Arg Cys Val Cys Pro Pro
131                               835                               840                               845
132  Gly His Ser Gly Ala Lys Cys Gln Glu Val Ser Gly Arg Pro Cys Ile
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134  Thr Met Gly Ser Val Ile Pro Asp Gly Ala Lys Trp Asp Asp Asp Cys
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136  Asn Thr Cys Gln Cys Leu Asn Gly Arg Ile Ala Cys Ser Lys Val Trp
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138  Cys Gly Pro Arg Pro Cys Leu Leu His Lys Gly His Ser Glu Cys Pro
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140  Ser Gly Gln Ser Cys Ile Pro Ile Leu Asp Asp Gln Cys Phe Val His
141                               915                               920                               925
142  Pro Cys Thr Gly Val Gly Glu Cys Arg Ser Ser Ser Leu Gln Pro Val

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147          965          970          975
148 Glu His Ile Cys Ser Glu Leu Arg Asn Leu Asn Ile Leu Lys Asn Val
149          980          985          990
150 Ser Ala Glu Tyr Ser Ile Tyr Ile Ala Cys Glu Pro Ser Pro Ser Ala
151          995          1000          1005
152 Asn Asn Glu Ile His Val Ala Ile Ser Ala Glu Asp Ile Arg Asp
153          1010          1015          1020
154 Asp Gly Asn Pro Ile Lys Glu Ile Thr Asp Lys Ile Ile Asp Leu
155          1025          1030          1035
156 Val Ser Lys Arg Asp Gly Asn Ser Ser Leu Ile Ala Ala Val Ala
157          1040          1045          1050
158 Glu Val Arg Val Gln Arg Arg Pro Leu Lys Asn Arg Thr Asp Phe
159          1055          1060          1065
160 Leu Val Pro Leu Leu Ser Ser Val Leu Thr Val Ala Trp Ile Cys
161          1070          1075          1080
162 Cys Leu Val Thr Ala Phe Tyr Trp Cys Leu Arg Lys Arg Arg Lys
163          1085          1090          1095
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166 Asn Val Arg Glu Gln Leu Asn Gln Ile Lys Asn Pro Ile Glu Lys
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168 His Gly Ala Asn Thr Val Pro Ile Lys Asp Tyr Glu Asn Lys Asn
169          1130          1135          1140
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171          1145          1150          1155
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/28/2004
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VERIFICATION SUMMARY

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